

FIG. 1

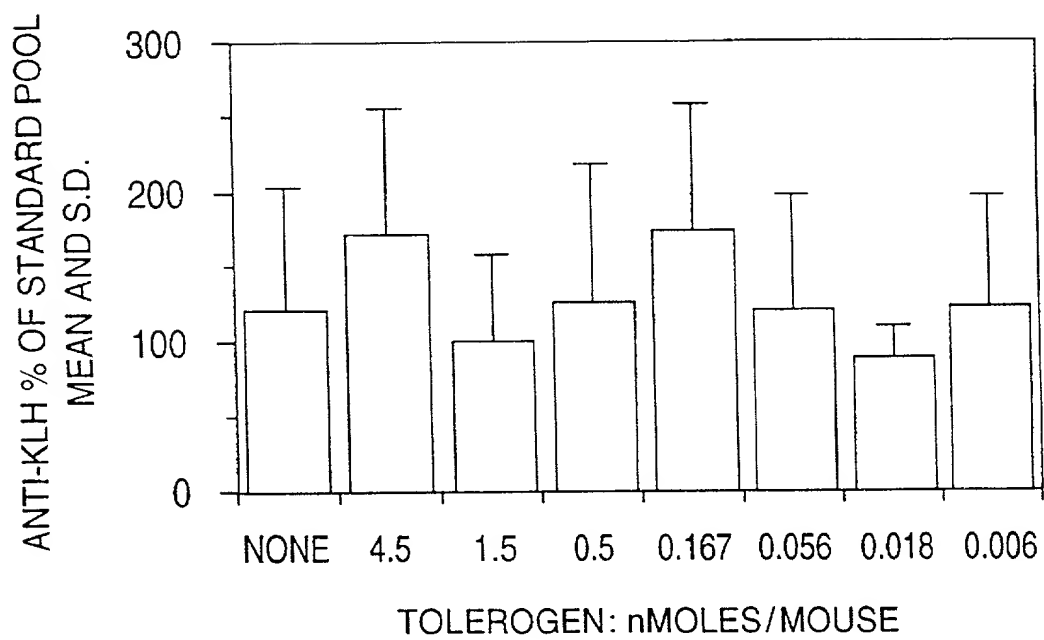


FIG. 2

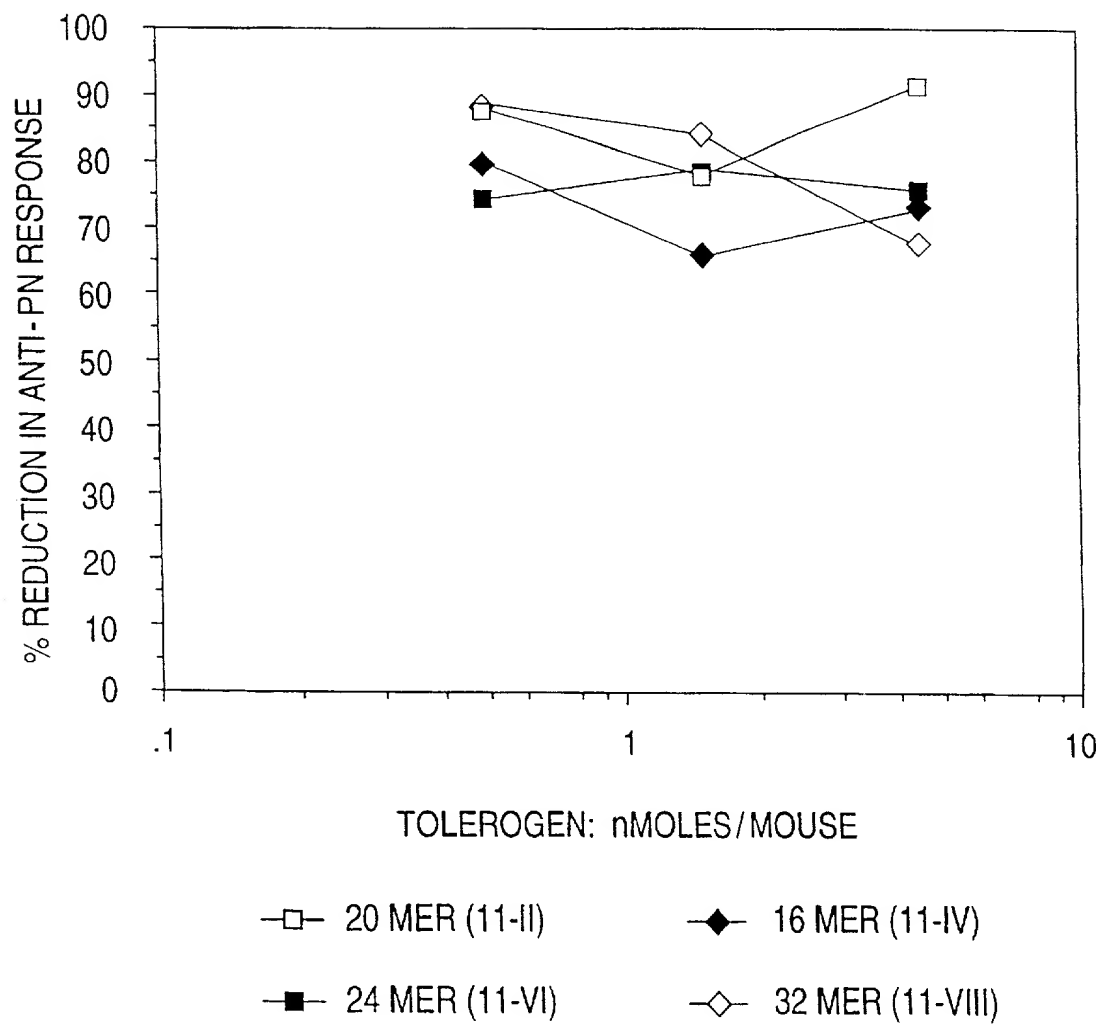


FIG. 3

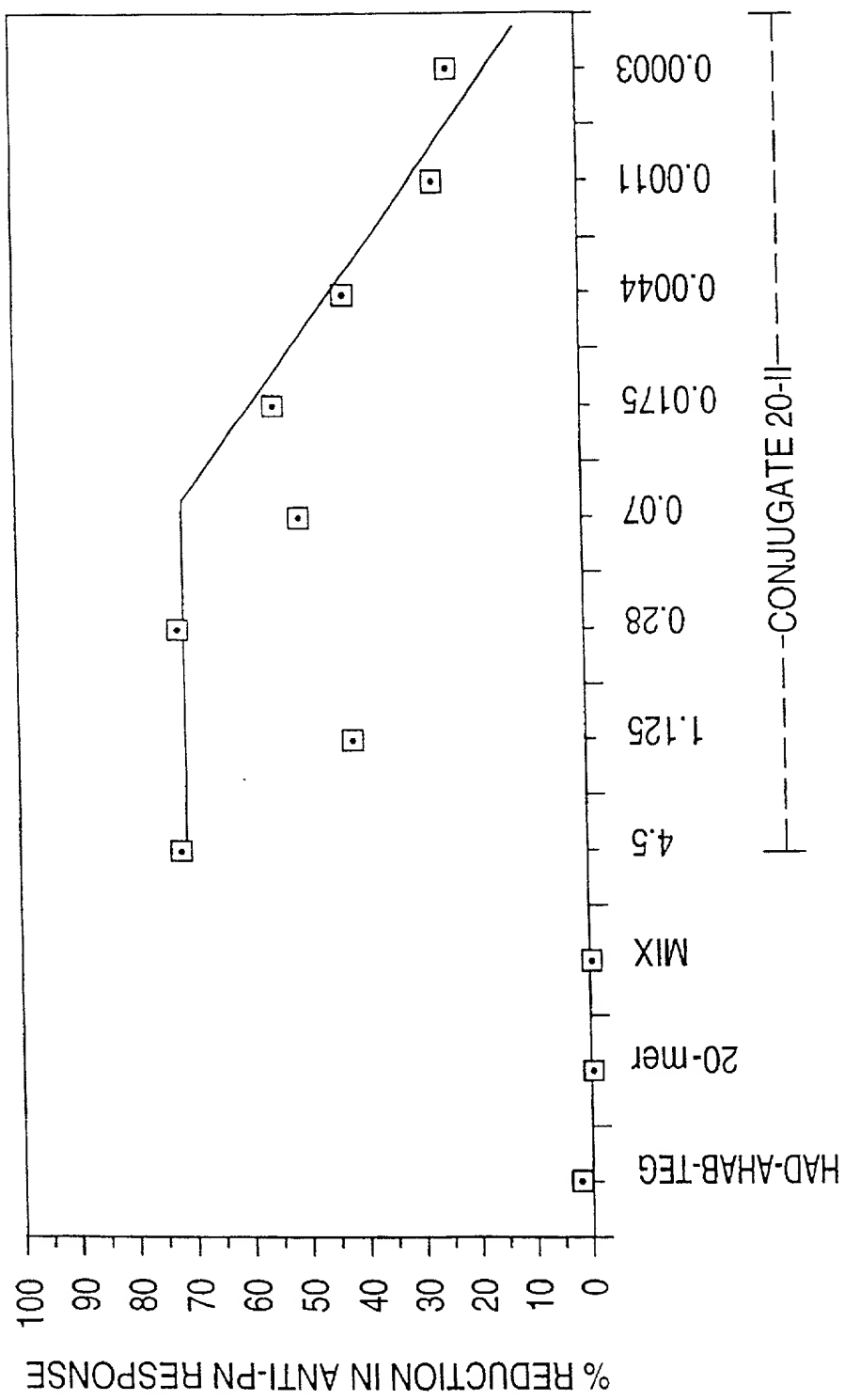


FIG. 4

TOLEROGEN: nMOLES/MOUSE

--- CONJUGATE 20-II ---

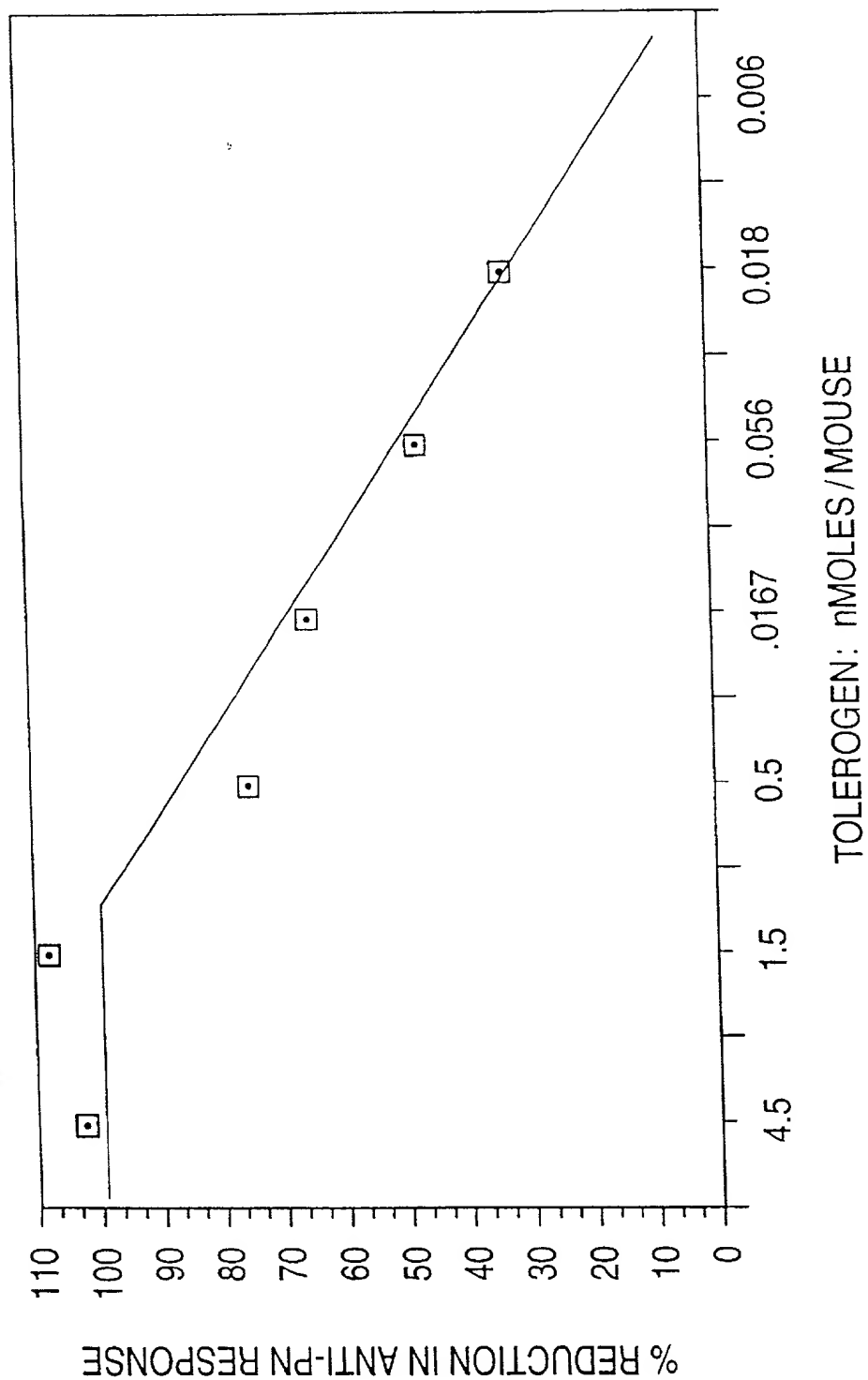
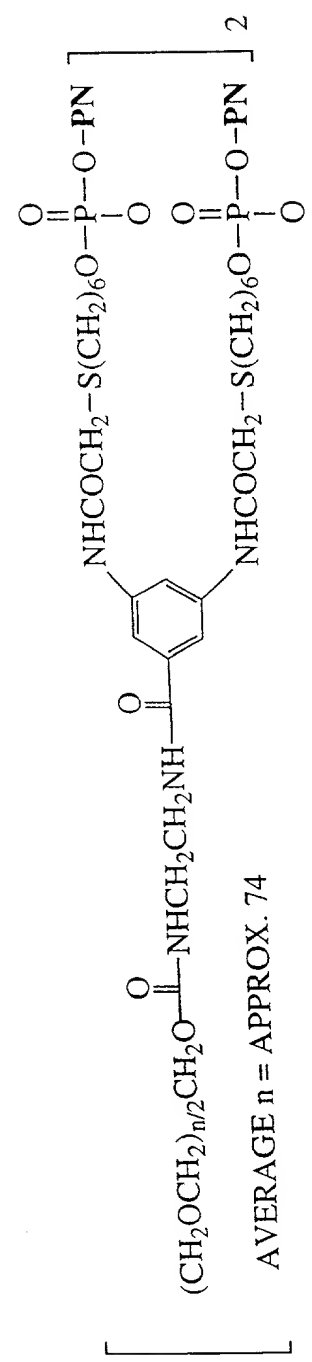


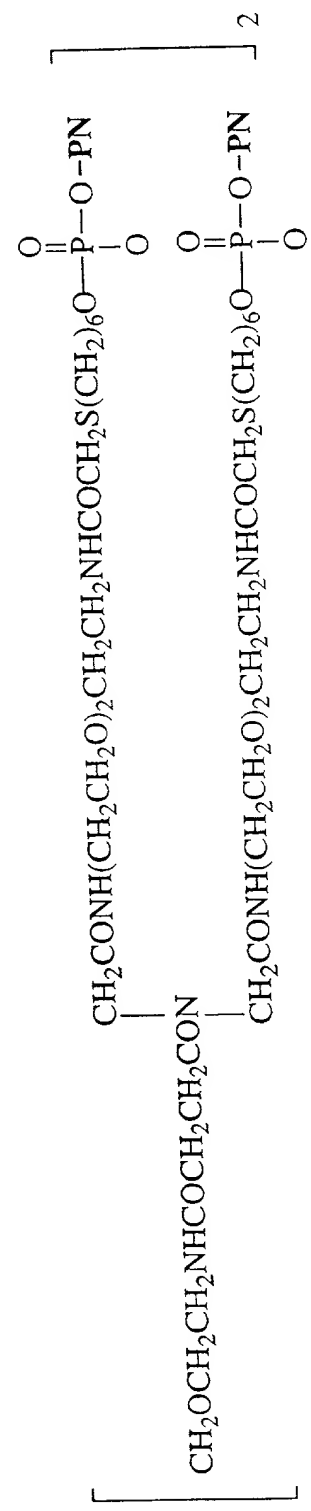
FIG. 5

Chemical structure of a polymer repeat unit, showing a central benzene ring substituted with two amide groups, which are further substituted with polyether chains and phosphate groups.



DABA-PEG

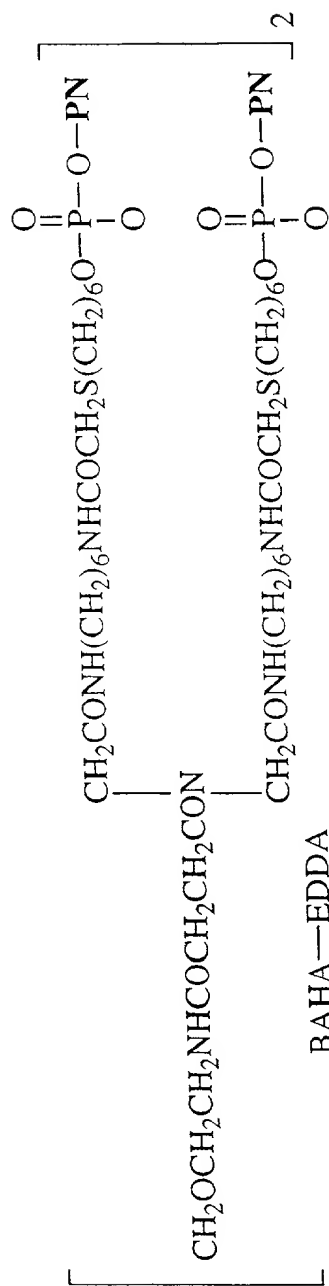
- 3-I, PN = (CA)₁₀
- 3-II, PN = (CA)₁₀·(TG)₁₀



BAHA_{OX}-EDDA

- 11-I, PN = (CA)₁₀
- 11-II, PN = (CA)₁₀·(TG)₁₀
- 11-IV, PN = (CA)₈·(TG)₈
- 11-VI, PN = (CA)₁₂·(TG)₁₂
- 11-VIII, PN = (CA)₁₆·(TG)₁₆

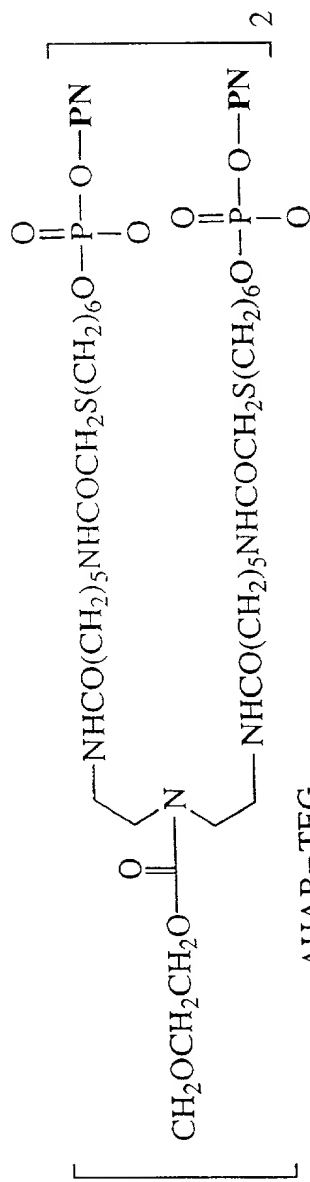
FIG. 6A



BAHA—EDDA

17-I PN = (CA)₁₀

17-II PN = (CA)₁₀·(TG)₁₀

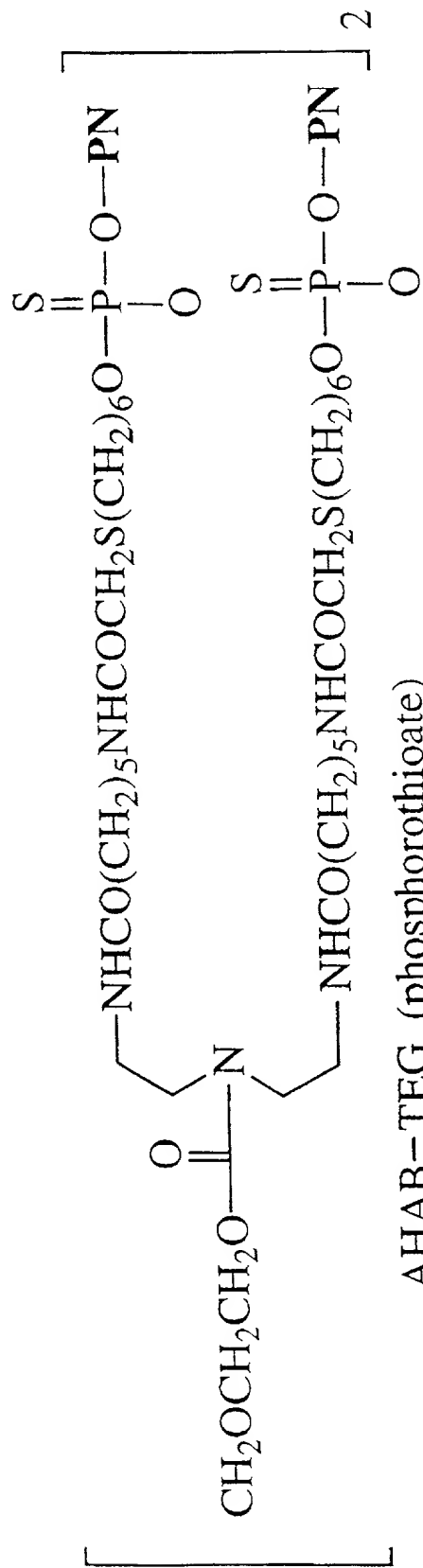


AHAB—TEG

20-I PN = (CA)₁₀

20-II PN = (CA)₁₀·(TG)₁₀

FIG. 6B



AHAB-TEG (phosphorothioate)

20-III PN = (CA)₁₀

20-IV PN = (CA)₁₀·(TG)₁₀

FIG. 6C

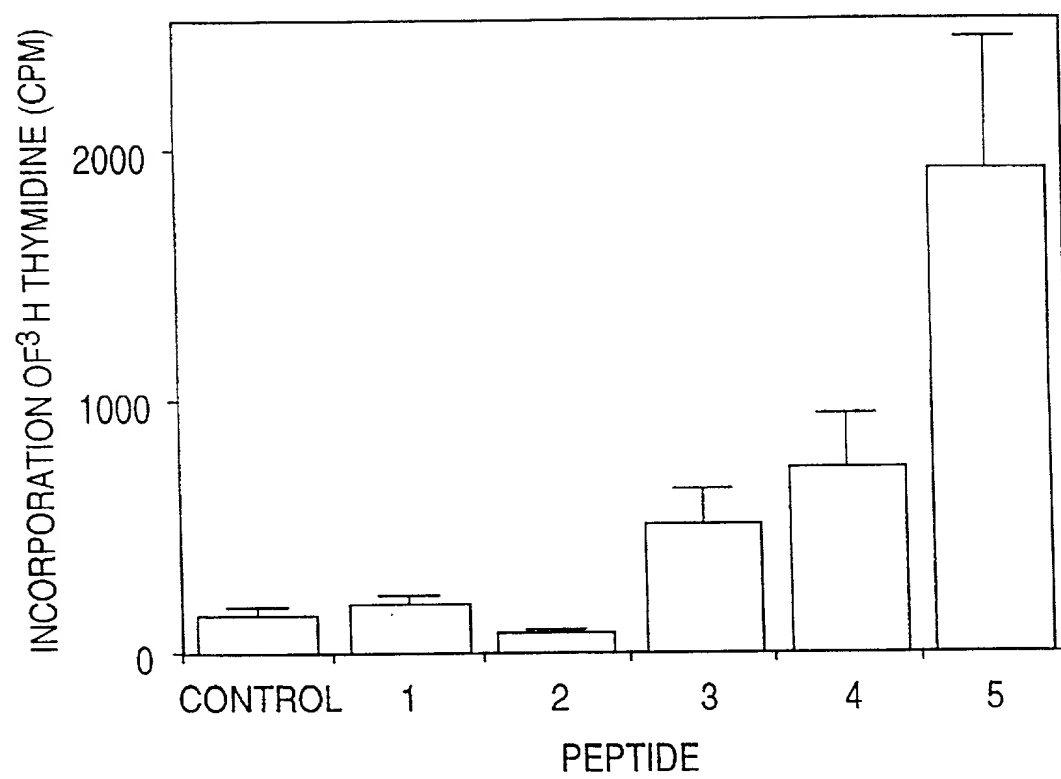


FIG. 8

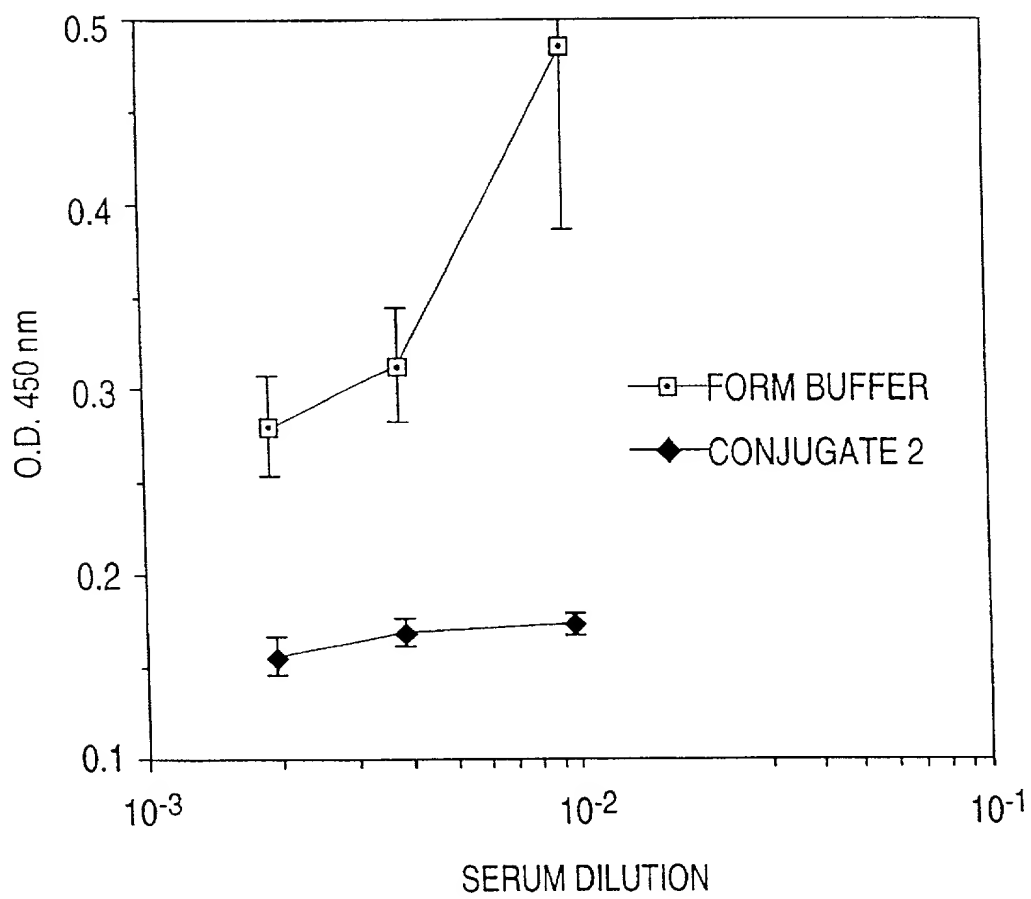


FIG. 9

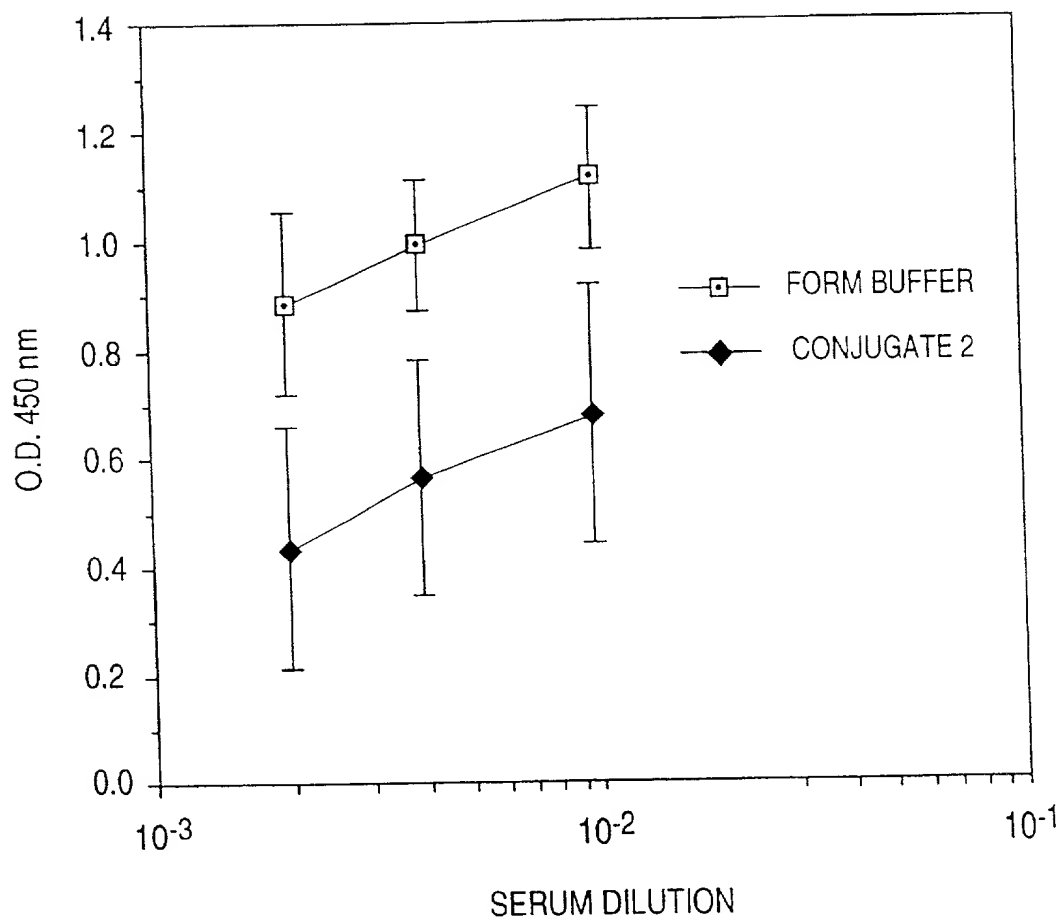


FIG. 10

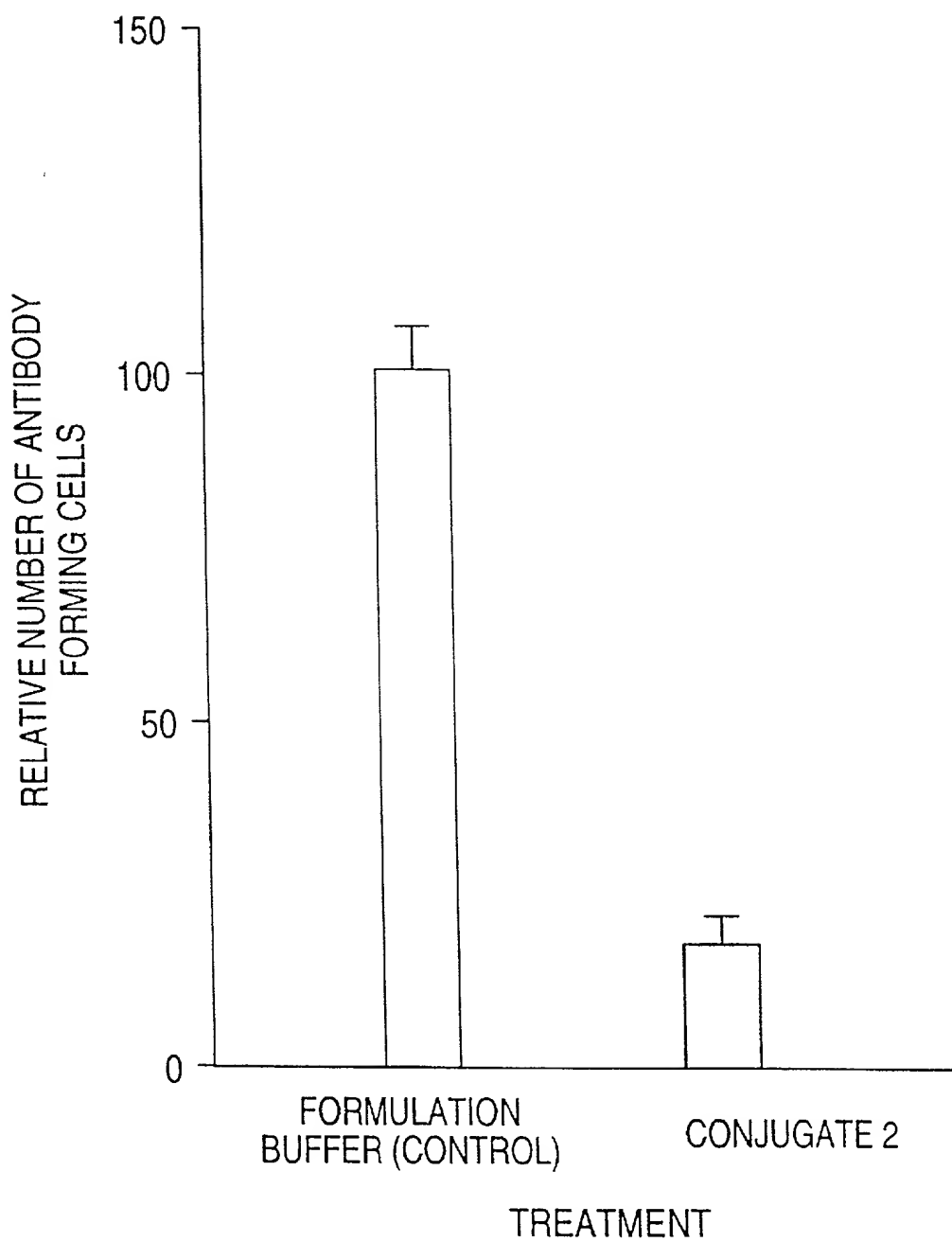


FIG. 11

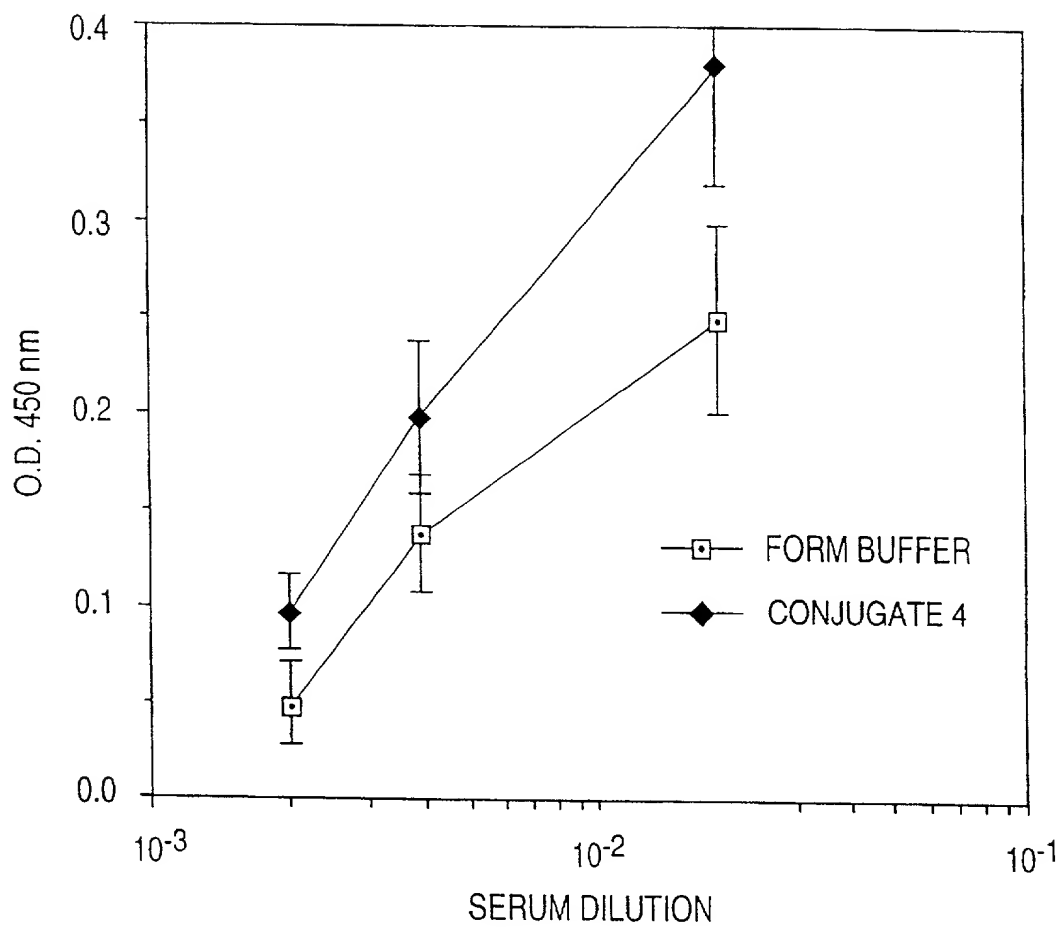


FIG. 12



MELITTIN CONJUGATE #1, R = H₂N-Cys-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-Gly-CO₂H

AVERAGE n = APPROX. 74



MELITTIN CONJUGATE #2, R = H₂N-Cys-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-Gly-CO₂H

MELITTIN CONJUGATE #3, R = H₂N-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-Lys-Cys-Gly-CO₂H

MELITTIN CONJUGATE #4, R = H₂N-Cys-Ile-Ser-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-Gly-CO₂H

MELITTIN CONJUGATE #5, R = (H₂N-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln)₂-Lys-Cys-Gly-CO₂H

MELITTIN PEPTIDES ATTACHED THROUGH SULFUR ATOM ON ADDED CYSTEINE,
AVERAGE N = APPROX. 74

FIG. 13

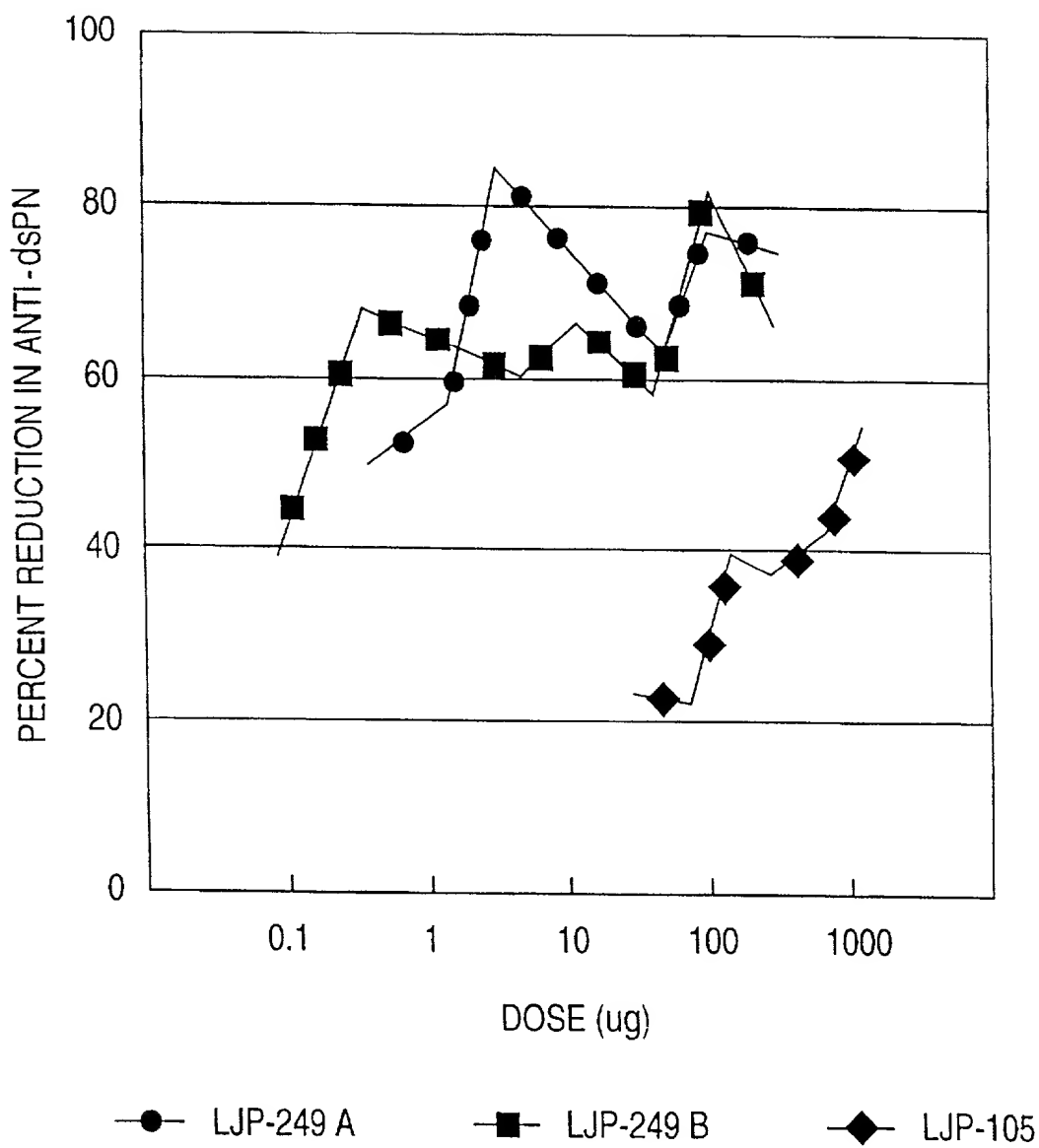


FIG. 14

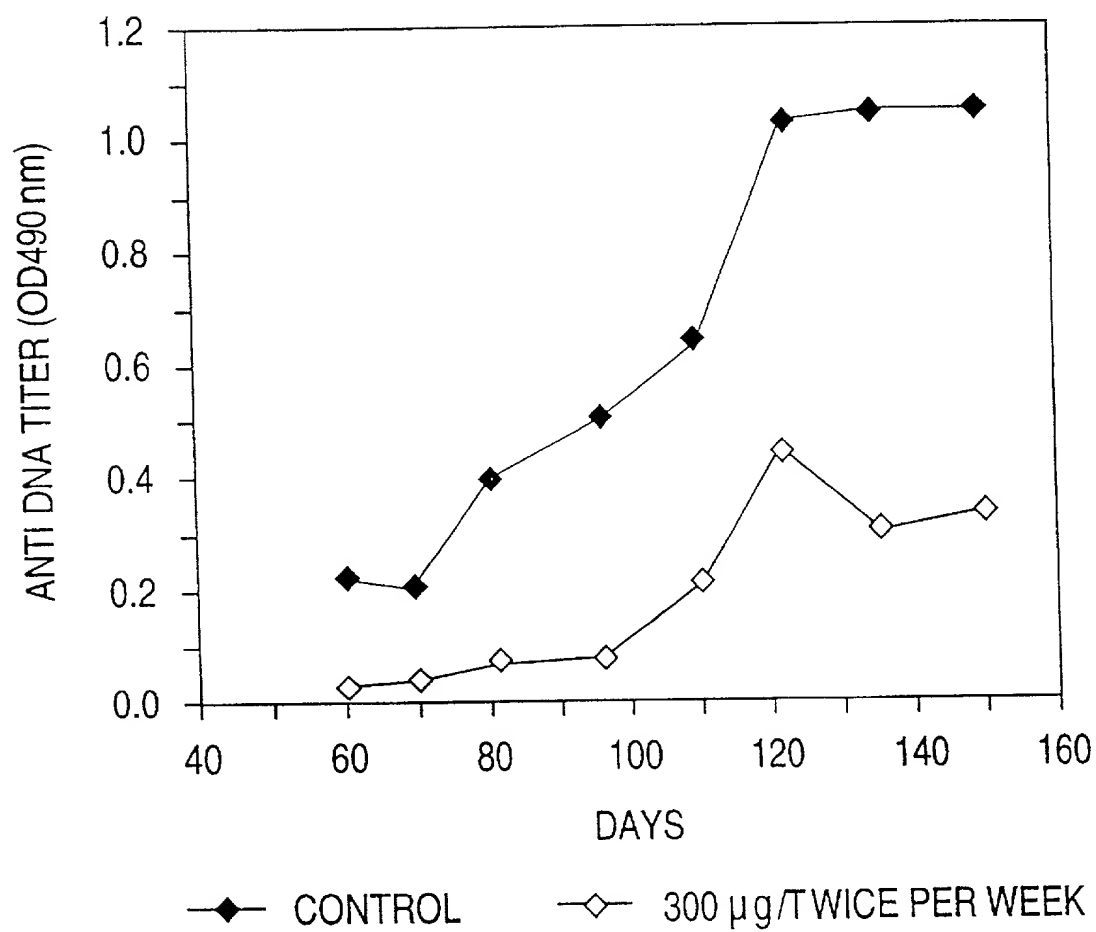


FIG. 15